

■ NASA-Unique Technical Standards Development Initiative

- Develop NASA Preferred Technical Standards Products to meet the Agency's needs.
- NASA-developed Technical Standards have Agencywide consensus and approval by the NASA Chief Engineer.

■ Conversion of Center-Developed Standards

- Identify Center-developed Technical Standards Products that have multi program/project applications that could be used throughout the Agency.
- Convert Center-developed Technical Standards Products to NASA Preferred Technical Standards or Non-Government Voluntary Consensus Standards (VCSs).

■ Voluntary Consensus Standards (VCSs) Adoption and Development Initiative

- Identify Non-Government Standards Products being used within the Agency and propose their adoption as a NASA Preferred Technical Standard.
- Participate in development of VCS products of value to an Agency program or project.

■ Standardization Awareness Initiative

- Awareness takes on many forms for the NASA Technical Standards Program:
 - Brochure distribution
 - Initiative announcements
 - Participation at technical conferences
 - Program web site
 - Presentations
- Employee Participation
 - Non-Government Standards Developing Organizations (SDOs)
 - Agencywide Technical Committees and Working Groups

NASA Facilities

- Ames Research Center
- Dryden Flight Research Center
- George C. Marshall Space Flight Center
- Jet Propulsion Laboratory
- John C. Stennis Space Center
- John F. Kennedy Space Center
- John H. Glenn Research Center
- Langley Research Center
- Lyndon B. Johnson Space Center
- NASA Headquarters
- NASA Independent Validation and Verification Center
- Robert H. Goddard Space Flight Center
- Wallops Flight Facility
- White Sands Test Facility

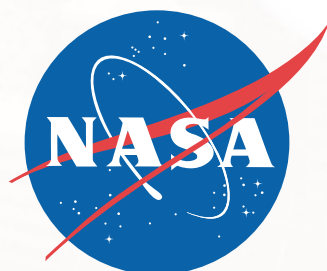
Sponsored by NASA's Office of the Chief Engineer

NASA Technical Standards Program Office
NASA Marshall Space Flight Center
Huntsville, AL 35812

Phone: 256-544-2448

Fax: 256-544-4131

E-mail: standards@msfc.nasa.gov



NASA

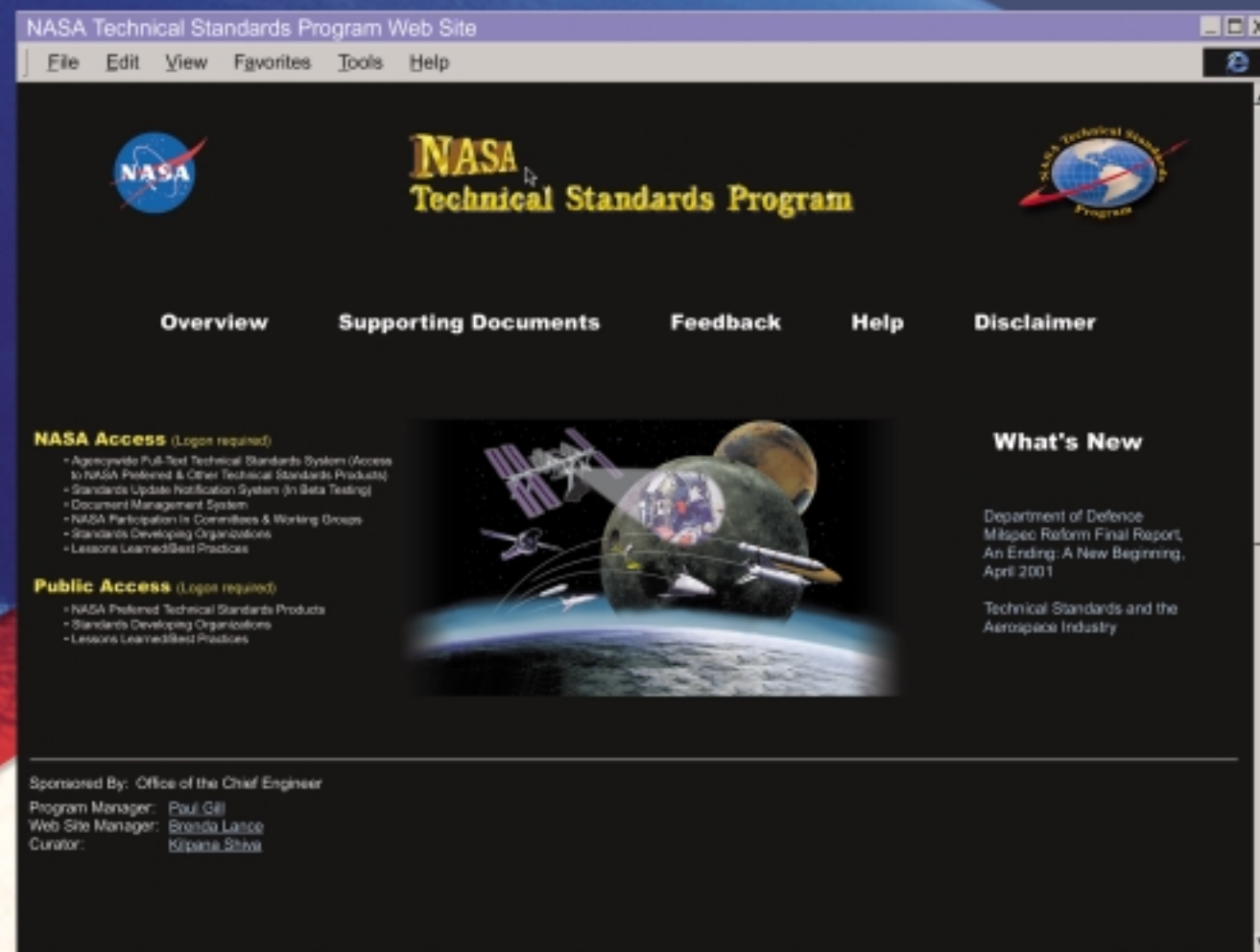
Technical Standards Program



<http://standards.nasa.gov>

■ Integrated Technical Standards Initiative

- **Agencywide Full-Text Technical Standards System**
 - Provides access to Technical Standards Products from over 100 Standards Developing Organizations (SDOs).
 - Provides on-line access to Full-Text Document or 36-hour or less hard copy delivery to user.
- **Standards Update Notification System (SUNS)**
 - Provides current Technical Standards information on update notifications requested for Technical Standards Products.
 - Provides change information on Technical Standards for which update notifications are requested.
- **Lessons Learned, Best Practices, and Application Notes—Standards Integration System**
 - Provides information on Lessons Learned, Best Practices, and Application Notes integrated with Technical Standards.
 - Provides corporate memory of the Agency and Industry.
 - Provides a unique and highly innovative linking process whereby Lessons Learned and Application Notes are linked to applicable Technical Standards Products.
 - A Lesson Learned can be applicable for linkage if it :
 - (1) addresses specific materials, equipment, processes, methods, analysis, etc., discussed in the Technical Standards Product;
 - (2) cites a specific Technical Standard Document.



NASA Technical Standards Program Homepage

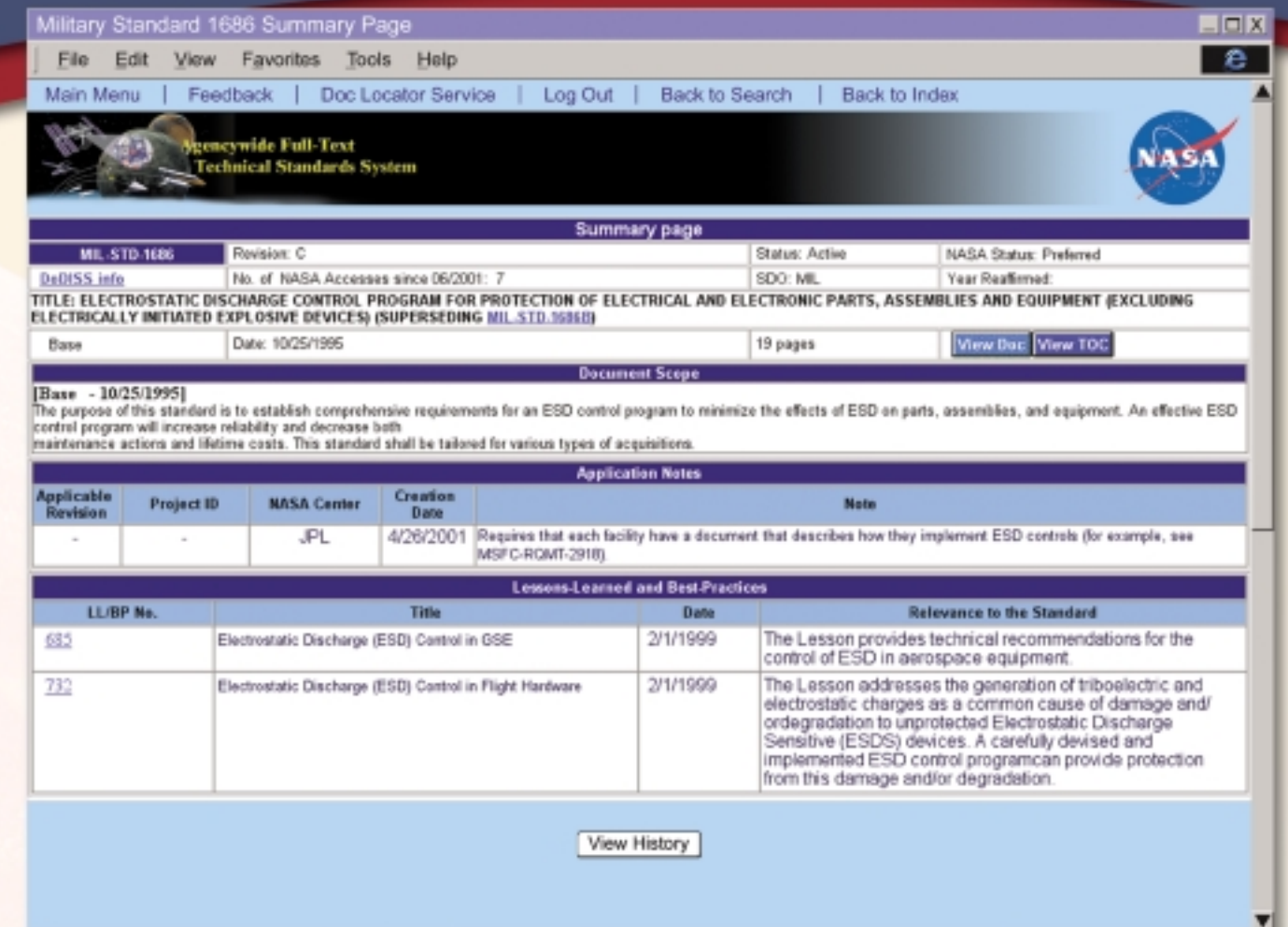
<http://standards.nasa.gov>

NASA Access

- Provides all NASA employees and supporting contractors within the <nasa.gov> domain access, without additional cost, to the latest Technical Standards Products and associated information.
- User access requires first-time registration and login required with each user access.
- Permits access to:
 - Agencywide Full-Text Technical Standards System
 - Standards Update Notification System
 - Document Management System
 - NASA Participation in Committees and Working Groups
 - Links to National and International Standards Developing Organizations
 - Links to Lessons Learned and Best Practices

Public Access

- Permits viewing of the NASA Preferred Technical Standards Products Index
- Capability to download without additional cost:
 - NASA-developed Standards Products
 - Consultative Committee for Space Data Systems (CCSDS) Technical Standards Products
 - Department of Defense (DOD) Standards Products
- Public user access requires first-time registration and login required with each user access.



Example of Information Available on a Technical Standards Document Summary Page

1 Document Detail Section

- Revision level and date
- Status (Active, Cancelled, Inactive, etc.)
- Number of pages
- NASA Preferred Technical Standards Status (Adoption or Pending Adoption)

2 Document Scope Section

3 Application Notes Section (Where Available)

- Application Notes serve as unique user insights into the details of using specific Technical Standards.

4 Lessons Learned/Best Practices Section (Where Available)

- Provides knowledge and understanding gained by experience on related referenced work activities.
- Adds factual information on technical input, including applicable instruction and data to support decisions that enhance the potential for success by minimizing risk on specific design and process applications.